

Date: Tue, 25 Jan 94 12:43:11 PST
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V94 #74
To: Info-Hams

Info-Hams Digest Tue, 25 Jan 94 Volume 94 : Issue 74

Today's Topics:

 Anyone know of a callsign server?
 CW filters and DSP-9
 Famous hams
 Ham Radio and More talkshow
 how can I find Kiss definition
 Low Power VCO
MFJ's 20m SSB Travel Radio: No RIT?!
 NEWS ARCHIVE
 Ohio/Penn DX Bulletin #144
 OPDX/NODXA 1993 DX Survey
RFD: talk.politics.rush-limbaugh
 ThickLAN Ethernet
 Where is FAQ on EMF?
 Yeadu FT416 mods wanted

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Thu, 20 Jan 1994 17:12:56 GMT
From: utcsri!newsflash.concordia.ca!sifon!clouso.crim.ca!hobbit.ireq.hydro.qc.ca!
barde!vaillan@uunet.uu.net
Subject: Anyone know of a callsign server?
To: info-hams@ucsd.edu

In article 1824@newshost.pictel.com, wpns@newshost.pictel.com (Willie Smith)
writes:
>apollyon@crash.cts.com (Shannon O. Sullivan) writes:

```
>> telnet callsign.cs.buffalo.edu port 2000
>
>Someone also mentioned port 3000, and 'callsign' used to be 'marvin',
>but none of the above work any more. Did the internet callbook go
>away, move somewhere else, or is our net connection broken? All I get
>is 'unknown host' errors.
>
>--
>Willie Smith wpns@pictel.com N1JBJ@amsat.org
>Some people you don't have to satirize, you just quote em - Tom Paxton
```

I did:

```
telnet callsign.cs.buffalo.edu 2000
yesterday without any problem.
```

The machine: callsign.cs.buffalo.edu real name is:
electra.cs.buffalo.edu (128.205.32.2)

Clem.
73

Clement Vaillancourt,		Institut de Recherche d'Hydro-Quebec
Analyste,		Varennnes, P. Quebec, Canada, J3X 1S1
Informatique scientifique		Tel:+1 514 652 8238 Fax:+1 514 652 8309
vaillan@ireq.hydro.qc.ca		Radio-amateur: VE2HQJ@VE2CRL.PQ.CAN.NA

Date: 24 Jan 94 20:36:44 GMT
From: sdd.hp.com!col.hp.com!srngenprp!alanb@hplabs.hp.com
Subject: CW filters and DSP-9
To: info-hams@ucsd.edu

Clark Savage Turner (turner@safety.ics.uci.edu) wrote:

: Reference number 2, some filters don't do so well at this, and some narrow
: filters have a "ring", or hollow sound to them. Many don't like this at
: all. Most IF filters don't have much ring, though some, many audio filters
: (except DSP I understand) can ring pretty badly.

Even analog filters can be designed for low ringing. The problem is that
most crystal IF filters, and some audio analog filters, are designed for a
"flat-top" response, which tends to aggravate the ringing problem.

DSP/digital bandpass filters have ringing as well, although it is easier
to control than with analog filters. You should be able to do 100 Hz or
so bandwidth using either analog or digital techniques with negligible

audible ringing. Any narrower than that, and you will be limited by the stability and tuning rate of the HF transceiver anyway.

AL N1AL

Date: Tue, 25 Jan 1994 12:43:39 GMT
From: agate!howland.reston.ans.net!usc!elroy.jpl.nasa.gov!newncar!uchinews!att-out!cbnewsj!k2ph@network.ucsd.edu
Subject: Famous hams
To: info-hams@ucsd.edu

Date: 25 Jan 94 18:33:49 GMT
From: news-mail-gateway@ucsd.edu
Subject: Ham Radio and More talkshow
To: info-hams@ucsd.edu

My local Talk America Radio Network affiliate (1510 in the Boston area) didn't run "Ham Radio and More" this past Sunday evening. Did anyone in a different part of the country hear the show, or was it QRT nationally?

--
Scott Ginsburg Voice: 508-436-3836 | too much DX,
Wellfleet Communications Internet: ginsburg@wellfleet.com | too little
2 Federal St. Amateur Radio: WA2CJT | time...
Billerica, MA 01821

Date: Tue, 25 Jan 1994 18:01:28 GMT
From: agate!howland.reston.ans.net!pipex!zaphod.crihan.fr!jussieu.fr!univ-lyon1.fr!ghost.dsi.unimi.it!dm.unibo.it!beppe@network.ucsd.edu
Subject: how can I find Kiss definition
To: info-hams@ucsd.edu

I'm intrested to know kiss protocol definition
If you can help me
Please mail
beppe@csr.unibo.it

Date: Sat, 22 Jan 1994 05:25:53 GMT

From: ftpbox!mothost!pts-nntp!davebmac.pts.mot.com!user@uunet.uu.net
Subject: Low Power VCO
To: info-hams@ucsd.edu

In article <2hp6ct\$3h6@hpscit.sc.hp.com>, rkarlqu@scd.hp.com (Richard Karlquist) wrote:

>
> In article <2hk0r2\$khrt@dartvax.dartmouth.edu>,
> Johan D. H. Goedkoop <daan220@draco.dartmouth.edu> wrote:
> >
> >
> > Frequency Range: 138-153 MHz
> > Power Supply: 3 Vdc @ 3 mAmp or
> > 5 Vdc @ 1-2 mAmp
> > Output (Power): +8 - +10 dBm (50 Ohm Load Resistance)
> > Control Voltage: 1 - 3 Volts
> > Op. Temp. Range: -45 to +70 degrees Celcius
> >
> >
>
> You'll have to build your own using an MRF931 transistor and an MV1404 tuning
> diode. I'd pick the 5 volt supply over the 3 volt supply. Allow a day or two
> of design time.
>
>
> Rick Karlquist N6RK
> rkarlqu@scd.hp.com

Any Particular reason you picked the MRF-931? We've been using MRF941's in even lower power applications, and getting what we consider good results. Sorry, no spec's off the top of my head.

David Bengtson
Motorola Paging and Wireless Data Group
MS 98
1500 NW 22nd Ave
Boynton Beach, FL 33467

All Standard Disclaimers apply
Sorry, no witty quote.

Date: 25 Jan 1994 16:06:07 GMT
From: pacbell.com!well!nigel.msen.com!spool.mu.edu!howland.reston.ans.net!
sol.ctr.columbia.edu!news.cs.columbia.edu!mix-cs!popovich@network.ucsd.edu
Subject: MFJ's 20m SSB Travel Radio: No RIT?!
To: info-hams@ucsd.edu

greg@netcom.com (Greg Bullough) writes:

> In article <2i0ra6\$2na@clarknet.clark.net> andy@clark.net (Andrew M. Cohn) writes:

> >

> >But, where's the RIT?? How can you work SSB/CW without an RIT?

>

> Learn how to tune?

Yeah, why do you need RIT anyway? I'm serious, when I work HF it's just another useless knob on the rig. Maybe I'm dense, but I've never managed to figure out what it's for. I hardly ever touch it. If the station you want to contact is operating normally, you just zero-beat him and that's it. The only time I can think it might be useful is if you want to contact a DX station who is operating on split transmit/receive frequencies, but then they're usually too far apart (anywhere from 3 KHz to a couple of hundred KHz) for the average +/- 2 1/2 KHz RIT control to do any d--n good. Maybe it would be good for switching in and out to tune in the one oddball in every net who can't be bothered to get any closer than somewhere in the general ballpark of the net frequency, but that's about all I can imagine. What do you use this knob for?

-Steve, WB3I

Date: 20 Jan 1994 17:41:33 GMT

From: mvb.saic.com!unogate!news.service.uci.edu!usc!cs.utexas.edu!
howland.reston.ans.net!usenet.ins.cwru.edu!eff!news.umbc.edu!haven.umd.edu!
umd5.umd.edu!w3eax.umd.edu!dwarkin@network.UCSD

Subject: NEWS ARCHIVE

To: info-hams@ucsd.edu

Hello. Where can I find the archive of postings made to this news group? Thanks.

dwarkin@w3eax.umd.edu

Date: Sun, 23 Jan 1994 14:50:20 -0700

From: ucsnews!sol.ctr.columbia.edu!destroyer!nntp.cs.ubc.ca!alberta!adec23!ve6mgs!
usenet@network.ucsd.edu

Subject: Ohio/Penn DX Bulletin #144

To: info-hams@ucsd.edu

SB DX @ ALLBBS \$OPDX.144

Ohio/Penn DX Bulletin No. 144

The Ohio/Penn Dx PacketCluster

DX Bulletin No. 144

BID: \$OPDX.144

January 24, 1994

Editor Tedd Mirgliotta, KB8NW

Provided by BARF-80 BBS Cleveland, Ohio

Online at 216-237-8208 14400/9600/2400/1200/300 8/N/1

Thanks to the Northern Ohio Amateur Radio Society, Northern Ohio DX Association, Ohio/Penn PacketCluster Network, DL7VEE & DXNL, DF4RD, CT1XX, IW2IYN, AD1C, KC1AG, NA2M, WA2ABN, N2PNG, K4CEF & Southeastern Cluster Group, ON6TT, N4VZ, N8BQJ, K8YSE and NE8Z for the following DX information.

3Y0PI, PETER I ISLAND DXPEDITION. As the countdown continues for the start of this DXpedition, here is some important information: KA6V and AA6BB, are the QSL Managers and they ask that you put "ALL" your cards into the same envelope or put all your QSO labels into one card. "DO NOT" (repeat DO NOT) mix VP8BZL and VP8BZL/MM cards with the 3Y0PI cards (send them separately). Mixing operations in the same envelope will cause a delay in processing your QSL cards. Include a SASE or SAE and enough to cover at least the return postage. The 3Y QSLs will be printed in Belgium and have the same layout as the AH1A and VP8SS I cards (folding type with colored pictures). There is room for 5 QSO's per 3Y-card. If you have more than 5 QSOs, more cards will be needed, and the cost of postage will increase (So, remember send enough to cover this!). Next week we will have more on operating frequencies and practices.

EU/EV/EW, BELARUS (NOT YET!). Bob, N4VZ, had a chat with Yuri, RC2AR, and Yuri states that Belarus will not be using its EU, EV, or EW assigned prefixes until June 1, 1994. This is surprising since most other countries have made the changeover to their new prefixes and this will add more confusion since Russia uses the "R" prefix.

FO, FRENCH POLYNESIA. Walter, DJ0FX, will be active on CW/SSB through February 19 as F00PT. He will be using 100 watts into a vertical antenna. Activity should be on all bands including the WARC bands.

GD, ISLE OF MAN. Several stations have been active on the WARC bands and the lower bands. GD4WBY has been heard on 12 and 17 meters between 1400 and 1630z. GD4PTV has been heard on 80 meters at 0800z and GD4BEG on 160 meters between 0630 and 0730z. Steve, G4U0L, will be active until the 6th of February as GD4U0L. His activity will be mainly on CW (11 kHz up or on 3507, 10102, 18070 and 24900). QSL via the bureau or CBA.

HK0/I2RA0 INFORMATION. Marco, IW2IYN, reports that the "Italian DX Bulletin" states, "operations by I2RA0 from Gorgola Island is considered as Colombia for DXCC, and the previous from Malpelo should really count

as Malpelo".

PJ2, NETHERLANDS ANTILLES. Seppo, OH1VR, will be active from Curacao as PJ2/OH1VR from January 26 through February 2nd. Seppo is a contester and it is likely that he will be active in the CQ WW 160 Meter CW Contest next weekend.

S2, BANGLADESH. Eric, S21ZG, has been active almost daily on 80 meters (3651-3653 kHz) at 1145-1215z and again around 0000z.

V2, ANTIGUA. John, AA2LW, will be traveling to V2-land the last week of January. He will be there through the first part of February (around 10 days). John is actually there on business, but in his spare time he plans to be active on 40-10 meters SSB (his favorite band is 17 meters). QSL to CBA.

V4, ST. CHRISTOPHER/NEVIS. Mike, W9NSZ, will be active as V47NS from January 28th thru February 2nd. QSL to CBA.

VP2, ANGUILLA. Jim/KK3K, Don/WB6LYI, Mark/KC6XC, Tom/KI4ZN, Howard/W9BVD, Norm/KF7IK, James/AF9A and Wayne/AI9Q (members of the Lambda Amateur Radio Club, LARC) will be active from March 5-10. They plan to be active on multi-band and multi-mode HF, and OSCAR-13 Mode B and Mode S. They claim this may be the first OSCAR-13 Mode S DXpedition. QSL for all operators is direct to their CBA.

VP5, TURKS & CAICOS ISLANDS. Tom/K2TD, John/N2VW and Mike/WB2YOF will be active now through part of February. The group will be using /VP5 and their own callsigns. No details of their activities were reported, but listen for instructions on where to QSL.

VP8, ANTARCTICA. Brian, VP8CFM, has been assigned as Base Commander at the British Antarctic Survey Base. He will be there for 14 months and will be active as either VP8HAL or his own call VP8CFM. QSL via GM4KLO.

VR6BB/VR6JJ DXPEDITION SUMMARY. Here is information about this operation's QSO totals. They made 35025 QSOs (VR6BB - 23311 / VR6JJ - 11714). Here is just a few of their totals by bands: 683 QSOs on 160 meters, 1291 QSOs on 80 meters, 23 QSOs on 75 meters, 2698 QSOs on 40 meters and 538 QSOs on 6 meters.

XE/XF1, MEXICO. Rick, NE8Z, will be operating from Puerto Vallarta, Mexico, as XE1/NI8Z from February 13-20. Activities will be on 160-10 meters (including the WARC bands) and the ARRL CW DX Contest. Frequencies: CW - 5 and 25 kHz up from band edge / SSB - Various. SPECIAL IOTA NOTE: Rick is planning to be active from Islas Marietas (NA-189) and Islas Los Arcos Mismaloya (IOTA unknown). Specific dates are unknown at this time, but activity will be on CW (21005 and 14005 kHz) and SSB (21260 and 14260

kHz). Rick also mentions that he is required to take along a local Mexican amateur to these islands. His goal is to spend time on the WARC bands and 80/40 meters. QSL via K8LJG.

ZS0, PENGUIN ISLANDS. This may possibly be the last ZS0 operation. Ian, ZS9A, reports that Baldur, DJ6SI, is attempting to mount a trip to the Penguin Islands sometime around Feb 24th. The RSA will turn over both Walvis Bay and the Penguin Islands to Namibia at the end of February. No other further details are available at this time.

DAYTON DX DINNER ANNOUNCEMENT. The Southwest Ohio DX Association is pleased to announce the Ninth Annual DX Dinner which will be held on Friday, April 29th, 1994, at the Stouffer Center Plaza Hotel. There will be a cash bar at 6:30 with dinner at 7:15. Tickets must be purchased in advance, and are available from Scott Lehman, N9AG, PO Box 803, Greenville OH 45331. Tickets will be \$27.00. Please make your check payable to SWODXA, and send an SASE for ticket return. Seating will be limited, so please order early. If you wish to sit as a group, it would be appreciated if you order as a group. All seats will be reserved. For further information, contact Scott Lehman, N9AG, at (513) 548-6230 or Steve Bolia, N8BJQ, at (513) 429-9954 voice/fax.

KEEP THOSE BALLOTS COMING! (Only a 1 weeks to go!) Ballots for the Third Annual OPDX/NODXA DX Survey can be found in OPDX.137. Ballots can be sent to the following packet and online addresses listed below.

FAX YOUR DX INFORMATION NOW! Faxing is available Monday/Wednesday/Friday from 0430 to 2330z only. The number is 216-237-8208 and the FAX card is sharing the same phone line as BARF-80 BBS using a data/fax/phone switch.

Excerpts and distribution of The OPDX Bulletin are granted as long as OPDX/BARF80 receive credit. To contribute DX info, call BARF-80 BBS online at 216-237-8208 14400/9600/2400/1200/300 and leave a message with the Sysop or send InterNet Mail to: aq474@cleveland.freenet.edu or send BitNet Mail to: aq474@cleveland.freenet@cunyvms or send PRODIGY Mail to: DFJH48A or send a message via packet to KB8NW @ WA8BXN.OH.USA.NA
/EX

Date: Sun, 23 Jan 1994 15:21:52 -0700
From: ucsnews!sol.ctr.columbia.edu!howland.reston.ans.net!cs.utexas.edu!math.ohio-state.edu!cyber2.cyberstore.ca!nntp.cs.ubc.ca!alberta!adec23!ve6mgs!
usenet@network.ucsd.edu
Subject: OPDX/NODXA 1993 DX Survey
To: info-hams@ucsd.edu

SB ALL @ ALLBBS \$OPDXNODXA.5

OPDX/NODXA 1993 DX Survey

THE THIRD ANNUAL OPDX/NODXA DX SURVEY.

Here is your chance to be counted. Deadline will be January 31, 1994, with results in February. The questions of the survey will deal with:

- 1) The DXer of the year. This is a DXer who you thought was outstanding in operating and handling the pile-ups from their DXpedition.
- 2) DXpedition of the Year (Group and Individual). Choose the best and most well organized DXpedition that met the needs of the DX community.
- 3) The 30 Most Wanted Countries. Choose your 30 most wanted countries.
- 4) OPTION: Your personal comments about DXing in 1993.

Please use the ballot below. Votes will only be accepted in the following format below.

Your Callsign and QTH	DXer of the Year (Person)	DXpedition of the Year by a person	DXpedition of the Year by a group

CHOOSE YOUR MOST WANTED COUNTRIES. (Please list only 30 of your most wanted countries. List CW and SSB modes separately.

CW - AB,CD,EF

SSB - GH,IJ

Comments on DXing in 1993: (Text Any Length)

* Just Fill-in The Blanks And Send It To One Of The Three Address:

"Packet Radio" - KB8NW @ WA8BXN.OH.USA.NA

"InterNet" - aq474@cleveland.freenet.edu

"PRODIGY" - DFJH48A

OPDX/NODXA DX Survey

Example Ballot:

Your Callsign and QTH	DXer of the Year (Person)	DXpedition of the Year by a person	DXpedition of the Year by a group

CHOOSE YOUR MOST WANTED COUNTRIES. (Please list only 30 of your most wanted countries. List CW and SSB modes separately.

CW -

SSB -

Comments: (Text Any Length)

I think DXing in 1993 was.....

/EX

Date: 25 Jan 1994 06:06:17 GMT
From: agate!howland.reston.ans.net!usenet.ins.cwru.edu!nigel.msen.com!yale.edu!
noc.near.net!das-news.harvard.edu!husc-news.harvard.edu!husc.harvard.edu!
husc8.harvard.edu!cstone@network.ucsd.edu
Subject: RFD: talk.politics.rush-limbaugh
To: info-hams@ucsd.edu

=====
RFD: talk.politics.rush-limbaugh
=====

This is a formal request of discussion for the creation of a Rush
Limbaugh-related newsgroup. Please direct all followups to news.groups.

PROPOSED CHARTER:

The unmoderated group talk.politics.rush-limbaugh will serve as a forum
for the discussion of issues raised by Rush Limbaugh's radio show, TV
show, books, newsletters, and other media. It will also act as a place
for Rush listeners to talk about Rush fandom such as the opening of new
Rush Rooms in various cities, methods of obtaining tickets to Rush's TV
show, Rush's appearances in public and on other TV shows, and so on.
This function, however, is likely to be secondary to the group's primary
mission of hashing out the issues of the day, and hence the group shall
be part of the talk.politics.* hierarchy.

It is *essential* to note that posters of *all* ideological stripes will
be welcome on talk.politics.rush-limbaugh. Articles critical of Rush are
to be afforded the same respect as articles in support of Rush. It is
hoped that the creation of the new group will inspire intelligent
political discussion by using Rush's thoughts as a springboard.

BACKGROUND AND RATIONALE:

On the newsgroup alt.fan.rush-limbaugh, we have been discussing the
possibility of formally incorporating the group into the talk.politics.*
or rec.arts.* hierarchy for some time now. The former was chosen largely
because political, as opposed to fandom, discussions dominate the group
now. Several people, myself among them, have argued that a rec.arts.*
placement would be better because Rush usually insists he is an entertainer
first and a pundit second. However, support for a
talk.politics.rush-limbaugh appears more widespread.

With a recent onslaught of insulting posts and namecalling by radical conservatives and Rush-haters alike, the creation of a moderated newsgroup has some intuitive appeal. However, in my opinion, the spirit of free inquiry demands that the group be unmoderated. In an highly charged ideological forum such as talk.politics.rush-limbaugh, the potential censorship costs of moderation will prove too high.

Alt.fan.rush-limbaugh is one of the largest alt.* newsgroups, and I fully admit that I think the high rate of traffic on alt.fan.rush-limbaugh indicates that Rush-related subjects deserve a formal place on the usenet hierarchy. Moreover, Rush's radio show has become increasingly accepted by the mainstream, non-ideological media as of late. Rush has also exhibited far more staying power than comparable talk show hosts. It is also essential to note that many sites do not offer access to alt.* groups, and given that -- for good or ill -- Rush's popularity has soared in recent years, people from those sites deserve the opportunity to discuss Rush just as much their counterparts elsewhere. On the liberal side of the aisle, the net also offers the perfect place for Rush's thought to be subject to rigid scrutiny.

VOTES

If the proposal comes to a vote, I shall contact Ron Dippold within twenty-one days of today's date.

--

////////	//	//	////////	//	////////	Christopher Stone
//	//	//	//	//	//	cstone@husc.harvard.edu
//	////////	////////	//	////////		(617) 493-7523
//	//	//	//	//	//	366 Lowell Mail Center
////////	//	//	//	//	////////	Cambridge, Massachusetts 02138

Date: 20 Jan 1994 16:54:38 GMT

From: mvb.saic.com!unogate!news.service.uci.edu!usc!sdd.hp.com!hpscit.sc.hp.com!
icon.rose.hp.com!hpchase.rose.hp.com!cmoore@network.ucsd.edu

Subject: ThickLAN Ethernet

To: info-hams@ucsd.edu

SMITHSON@ACM.ORG wrote:

: I think I've seen the answer to this question posted a few moons ago, so
: please forgive me. I've run across some Thick-LAN Ethernet coax. I think
: it is 50-ohm, but I wonder if anyone has any other details on impedance,
: loss, etc. It is the orange jacketed cable and is a little less than 1/2
: inch dia.

Brian,

Are there any numbers on the cable? Without the numbers I can't be sure, but here is a guess, from the Belden catalog:

89880 Ethernet Cable

Description: Plenum version of 9880 trunk cable; Orange tint FEB Teflon jacket, cellular FEP insulation, ring-band stripes marked every 2.5 meters to aid users in tap placement.

Construction: Aluminum Polyester +
 95% tinned copper braid +
 Duofoil +
 95% tinned copper braid

Diameter: .375 inches
Impedance: 50 ohms
Velocity factor: 78%
Capacitance: 26 pF/ft
Loss: .19 db/100ft at 1 MHz
 .37 db/100ft at 5 MHz
 .52 db/100ft at 10 MHz
 1.20 db/100ft at 50 MHz

Chris Moore
N6IYS
cmoore@mothra.rose.hp.com

Date: 25 Jan 94 19:35:32 GMT
From: news-mail-gateway@ucsd.edu
Subject: Where is FAQ on EMF?
To: info-hams@ucsd.edu

A friend in Seattle is looking for info on electro-magnetic fields (EMF). Gary Coffman mentioned a FAQ dealing with the subject. Could Gary or someone please advice where I might ftp a copy? If anyone knows of other relevant materials, bibliographies, etc., could you please send them to me? (Please send direct -- avoid clogging the bandwidth.)

Thanks. Paul Marsh N0ZAU pmarsh@metro.mccneb.edu

Date: 25 Jan 1994 09:42:35 GMT
From: qualcomm.com!vixen.cso.uiuc.edu!howland.reston.ans.net!xlink.net!zib-berlin.de!netmbx.de!Germany.EU.net!EU.net!chsun!elna.ethz.ch!elektra!

mpeter@network.ucsd.edu
Subject: Yeasu FT416 mods wanted
To: info-hams@ucsd.edu

hello,
are there any mods for the yeasu FT416 available ?
I'm looking for:

- extendet TX (got 140MHz .. 150MHz)
- extendet RX (got 136MHz .. 176MHz)
- repeater switch on beep, 1750 Herz like the euro version has
(got the american version without that tone)
- hidden, undocumented features

Thanks for any hints

Martin

--
Martin Peter, ETH Zuerich e-mail: mpeter@ee.ethz.ch
Computing Support Group tel: 41 1 623 5286
ISG Gloriastrasse 35 fax: 41 1 252 0954
8092 Zurich/ Switzerland

Date: (null)
From: (null)
Let's not forget 5R4GY as well. Famous in Collins circles.

73,
Bob K2PH

--

Bob Schreibmaier K2PH | UUCP: ...!att!mtdcr!bob
AT&T Bell Laboratories | Internet: bob@mtdcr.att.com
Middletown, N.J. 07748 | ICBM: 40o21'N, 74o8'W

Date: 20 Jan 1994 17:22:52 GMT
From: news.cstar.andersen.com!news.acns.nwu.edu!casbah.acns.nwu.edu!
rdewan@uunet.uu.net
To: info-hams@ucsd.edu

References <hamilton.758953096@BIX.com>, <cowart.759075998@neptune>,
<milewski-200194082137@fp2-st-affairs-11.uoregon.edu>w
Subject : Re: DSP Audio Filters

In article <milewski-200194082137@fp2-st-affairs-11.uoregon.edu>,
Steve Milewski <milewski@oregon.uoregon.edu> wrote:
>In article <cowart.759075998@neptune>, cowart@convex.com (Michael Cowart)
>wrote:
>
>>
>> I have an FT-990. I also have the Timewave DSP-59. If you liked what the
>> SCAF filters in the 990 did, the DSP-59 will knock your socks off. On CW
>> it can go down to 50Hz bandpass, all you hear is the tone with virtually
>> no ringing!! But it really shines on SSB with its 2 noise reduction and
>> heterodyne elimination algorithms. Try one some time, you'll be amazed!!
>> I have had the DSP-59 for about 8 months, and now I can't do without it!
>>
>> 73,
>> Mike
>
>Sounds interesting. I just bought a Ten Tec Omni VI and within a week will
>have all the optional filters (including 1.8kHz SSB filter, 500, 250 hz CW
>filters and the 500 hz narrow filter for the second IF).
>
>Will the DSP help in this situation or would it be overkill?

For CW only, my guess is that the DSP is not worth it. I have a Kenwood
850 with cascaded 500Hz filters or combination of 500Hz and 270Hz. The
W9GR DSP unit (I expect the DSP-59 to be similar) offers no particular
advantage.

* Disclaimer: I do not operate SSB, so get the salt shaker ready.*
About SSB - the Omni Vi comes with the multi-heterodyne notcher
and so the only value will be from the white noise reducer. All of the
DSP units that I have heard distort the audio when in this mode. Further
they only work well when the SNR is high. In that case, you may as well
use the rf gain pot - cheap and effective. I discovered this in attempting
to get a clear broadcast station reception.

The only mode for which I have found the DSP filter to be of value
is RTTY. This, I suspect, is because the filtering in Kam-All-mode
is a bit too all-mode --- compromised, that is. :)

Sorry for raining on the DSP parade.

I think the next generation of products with

- the kind of processing described in QEX for CW (nice article Jon)
- may be, harmonic alignment and interface with rig for automatic tuning/lock on SSB (see the disclaimer above)
- smarter rtty demodulators that exploit the mark/space partial redundancy better

might really begin to exploit the promise of DSP for ham radio communication.

Rajiv
aa9ch
r-dewan@nwu.edu

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